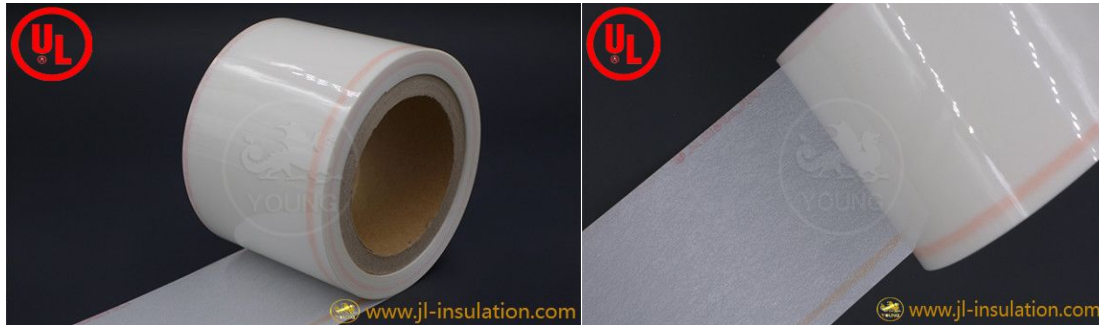


# NM-F



## NOMEX®-Polyester film Flexible Combined Material (2 layers)



### Composition:

NM-F consists of 6020 transparent polyester film or 6021 milky polyester film, covered on one side with DUPONT nomex®464 .The adhesive is acid-free and heat-resistant.

### Properties:

NM-F shows excellent mechanical strength and electric insulating properties . Heat resistance is class F(155℃).

### Application:

NM-F can be used as slots,slot wedges and phase insulation for low voltage motors,electrical equipment and electrical tools.

### Storage:

NM-F can be stored indefinitely at (20℃ , 50% r. h. )

### Availability:

Rolls: non-trimmed width is 914mm/ trimmed width is 900-905mm

Sheets: from 914mm to 1000mm at any size

Tapes: from 5mm to 914mm

Roll diameter: about 300mm width

Core size: standard 76mm.



**E345386**



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# NM-F



## Polyester film-NOMEX® flexible combined material (2 layers)

### Technical Data

Specification	Unit	Value				
Item		NM-F				
Thickness	mm	0.07	0.08	0.10	0.12	0.15
Thickness tolerance	mm	±0.01	±0.01	±0.015	±0.015	±0.02
Norminal grammage and tolerance	g/m2	69±7	88±9	107±11	142±14	177±18
Thickness of polyester film	mm	0.023	0.036	0.05	0.075	0.10
Tensile Strength						
MD	N/10mm	≥100	≥120	≥130	≥140	≥160
TD	N/10mm	≥70	≥80	≥80	≥90	≥100
Enlongation						
MD	%	≥15				
TD		≥20				
Breakdown Voltage Unfolded	KV	≥4	≥5	≥7	≥8	≥9
Cohesiveness (normal condition)		No delamination				
Cohesiveness (180±2℃ 10min)		No delamination ,No blister,No adhesive flow				
Thermal Rating class		F				
Color		covered on one side with“DUPONT NOMEX”logo and orange line				



## Polyester film-NOMEX® flexible combined material (2 layers)

### Technical Data

Specification	Unit	Value					
Item		NM-F					
Thickness	mm	0.17	0.20	0.24	0.30	0.35	0.40
Thickness tolerance	mm	±0.02	±0.03	±0.03	±0.035	±0.035	±0.04
Nominal grammage and tolerance	g/m <sup>2</sup>	211±21	246±25	299±30	385±39	454±45	525±53
Thickness of polyester film	mm	0.125	0.15	0.188	0.25	0.30	0.35
Tensile Strength							
MD	N/10mm	≥130	≥140	≥160	≥200	≥230	≥250
TD	N/10mm	≥100	≥120	≥150	≥200	≥230	≥250
Enlongation							
MD	%	≥15					
TD		≥20					
Breakdown Voltage Unfolded	KV	≥11	≥12	≥14	≥17	≥18	≥20
Cohesiveness (normal condition)		No delamination					
Cohesiveness (180±2°C 10min)		No delamination, No blister, No adhesive flow					
Thermal rating class		F(155°C)					
Color		Covered on one side with "DUPONT NOMEX" logo and orange line					

